



Singapore, Iran, Romania

Research Workshop at National University of Singapore

March 6-7, 2014

A two-day research Workshop will be held in NUS School of Computing in Singapore.

This Workshop focuses on the recent developments in Computer Science and Computational Biology.

The School of Biological Sciences at IPM and several Universities from Romania will join this research activity to present their work and to explore and advance the collaboration with National University of Singapore.

Contact Us: bsinfo@ipm.ir

NUS School of Computing
Singapore-Romania-Iran Research Workshop @ NUS SoC
6th to 7th March 2014
Programme

Day 1 : Executive Classroom, COM2 Level 4 (Thursday 6th March 2014)

8:45 Arrival of visitors and Registration

Session 1: 9:00-10:00

Welcome and Introduction by Wong Lim Soon, Head of CS Department, NUS, Singapore

Overview on Graduate Programmes by Abhik Roychoudhury, Vice-Dean, SoC, NUS, Singapore

10:00-10:30 Break

Session 2: 10:30-12:30

Nicolae Tapus, Politechnica University of Bucharest, Romania
Research and Education in Computer Science and Engineering Department

Nasser Mozayani, Iran University of Science and Technology, Iran
Holonc Multi Agent Solutions for Smart Grid

Dong Jinsong, NUS, Singapore
Model Checking Based Event Analytics

Abhik Roychoudhury, NUS, Singapore
Static Analysis Driven Cache Performance Testing

12:30 Lunch

Session 3 : 13:30-15:00

Hamid Pezeshk, University of Tehran, Iran
A Hybrid Similarity Measure for Biological Sequence Comparison

Gheorghe Stefanescu, University of Bucharest, Romania
New Two-dimensional Regular Expressions

Tay Yong Chiang, NUS, Singapore
An Equation for Sizing Memory Allocation

15:00 - 15:30 - Break

Session 4 : 15:30-17:30

Hamid Rabiee, Sharif University, Iran
Capturing Spatial/Temporal Relations Among Signals Using Sparse Coding

Mitica Craus, Technical University of Iasi, Romania
Education and Research at the Computer Engineering

Razvan Rughinis, Politechnica University of Bucharest, Romania
Collaborative Work and Learning through Gamification in Computer Science

Zhao Shengdong, NUS, Singapore
Interactive Online Video-based Learning Environment

17:30 Photo taking at COM1 Lobby

18:30 Dinner

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Day 2: Meeting Room 1, COM 1 Level 3 (Friday 7 March 2014)

Session 5 : 9:00-11:00

Hamid Sarbazi-Azad, Sharif University, Iran
Reducing Access Latency of Multi-level PCMs through Data Striping

Ioan Salomie, Technical University of Iasi, Romania
Green Computing with Applications in Energy-Efficient Data Centres

Emil Slusanschi, Politehnica University of Bucharest, Romania
High Performance & Scientific Computing

Tulika Mitra, NUS, Singapore
Energy-Efficient Computing for Mobile Platforms

11:00-11:15 Short Break

Session 6 : 11:15am-12:45

Simona Motogna, University of Cluj, Romania
A K-Definition for fUML and Alf

Razvan Deaconescu, Politehnica University of Bucharest, Romania
Securing iOS Apps through Binary Hardening

Prateek Saxena, NUS, Singapore
Secure Outsourced Computation: Directions and Highlights from NUS Security Lab

12:45 *Closing Remarks*

13:00 *Lunch at NUSS Guild House*